

## **North Region – Landscape Architecture QC/QA Outline for Activities Plan:**

### Roadway Support Projects

### Highway Planting Projects

#### **Planning Phase:**

- ◆ Start with submittal of Landscape Architecture Assessment Sheet (LAAS) at PID phase.
- ◆ Prepare Visual PEAR information for Environmental.
- ◆ Senior and PM sign off on LAAS.
- ◆ Send copy of LAAS to Env. Coordinator, Biologist, Project Manager.
- ◆ Update WPS resources.

- ◆ Landscape Architecture develops PSR for HP project. PSR is reviewed by Senior and HQ Coordinator.
- ◆ Update WPS resources.

#### **PA&ED Phase:**

- ◆ LAAS is updated during the PR phase for alternatives and/or any design changes. Environmental sends request for Visual Impact Assessment (VIA) to be completed. Coordinate VIA with proposals in the LAAS for consistency. Senior and staff review PR drafts for Landscape Architecture components. Review SWDR for erosion control measures and BMP's.
- ◆ Coordination of permits, reveg., and mitigation requirements with Environmental.
- ◆ Coordinate with Structures on bridge aesthetics.
- ◆ Update WPS resources.

- ◆ Landscape Architecture develops PR that is reviewed by Senior & HQ Coordinator. Submittals for R/W Data Sheet, TMP Data Sheet, Utility conflict maps, locate as-builts from previous projects, etc. Coordinate planting concept with Maintenance.
- ◆ Update WPS resources.

## Roadway Support Projects

## Highway Planting Projects

### **Design Phase:**

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| <ul style="list-style-type: none"><li>◆ Establish a peer review process.</li><li>◆ PS&amp;E landscape component done by staff.</li><li>◆ All staff attends OE training in ESC-OE.</li><li>◆ Senior reviews PS&amp;E plans by staff.</li><li>◆ Would recommend hiring specific Landscape Associate to create staff position for internal review of landscape PS&amp;E deliverables.</li><li>◆ Senior and/or staff reviews Constructability, Safety, and draft PS&amp;E packages from other Functional Units.</li><li>◆ Submittal of 30% and 70% progress submittals on projects to ensure work is being done on plans.</li><li>◆ Update WPS resources.</li></ul> | <ul style="list-style-type: none"><li>◆ Establish a peer review process.</li><li>◆ Landscape Architecture develops PS&amp;E for HP project. Senior and HQ coordinator review PS&amp;E package. Landscape Architecture still wants a Service Level 1 review for all HP projects. Due to infrequency of HP projects a Level 1 review would ensure a better quality project for the North Region.</li><li>◆ 30% and 70% reviews by Seniors ensuring progress is being made on plans.</li><li>◆ Update WPS resources.</li></ul> |
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## Roadway Support Projects & Highway Planting Projects

### **Construction Phase:**

- ◆ Any changes to Landscape Architecture related items during construction needs to be reviewed and approved by the Project Landscape Architect or their Supervisor.
- ◆ Landscape Architecture shall be invited to the CT in-house pre-job meeting.
- ◆ Landscape Architecture shall be invited to the check and test (e) irrigation facilities portion of the project.
- ◆ Landscape Architecture to prepare the punch list for project landscape items.
- ◆ Landscape Architecture shall be invited to the final walk through.
- ◆ Landscape Architecture shall be invited to the post-job/close out meeting.

## Roadway Support Projects & Highway Planting Projects

### **Post - Construction Phase:**

- ◆ Ensure service contractor (Small business or Inter-Agency Agreement) commitments are met.  
(i.e. – Weed Control, Litter Removal, Watering, etc.).
- ◆ Meet commitments of Monitoring Plan prepared by Environmental.
- ◆ Peer review by Environmental Mitigation Liaison at appropriate progress milestone dates.

Functional Unit	Phase	Landscape Architecture Deliverables
Design or other functional project lead submits LAAS (Landscape Architecture Assessment Sheet) to Landscape Architecture. Environmental may request input into the PEAR regarding visual impacts.	PID	Landscape Architecture consults with Environmental Coordinator if any revegetation or mitigation work may be required. Landscape Architecture will reply to functional project lead with completed LAAS form for inclusion with the PSR to meet guideline requirements.
Design or other functional project lead submits LAAS (Landscape Architecture Assessment Sheet) to Landscape Architecture. Environmental Coordinator submits request for VIA (Visual Impact Assessment) to be performed by Landscape Architecture.	PA&ED	Landscape Architecture prepares update of LAAS based on preferred alternative in the PSR and correspondence with project engineer and biologist. Landscape Architecture prepares the VIA and any accompanying visual simulations for public meetings and as requested /or determined by PDT, PM, or Agency approval.
Design or other functional project lead submits memo to Landscape Architecture to develop PS&E package for their project. This package should include mitigation requirements in addition to erosion control items.	PS&E	Landscape Architecture prepares PS&E deliverables as requested by functional lead for project. Provides information on products used for design in the RE file for Construction and the contractor. Develop "Design Intent Statement" on highway planting projects.
Respond to bid inquiries and Construction requests for assistance in field on erosion control, planting, irrigation, details, plant establishment, and various other issues regarding landscape components on projects.	Construction	Landscape Architecture available to assist Construction in order to facilitate effective and timely solutions to issues that arise in the field.

Upon completion and acceptance of the construction contract, Landscape Architecture will work with Environmental to begin the process of implementing the mitigation and planting for projects. This is only applicable when there is CCC/State furnished planting work involved on the project or separate EA.

### **Monitoring**

Landscape Architecture will oversee the installation of mitigation planting and work with Environmental to monitor and ensure compliance with the permitting agencies based on commitments made.

# NORTH REGION QUALITY MANAGEMENT PLAN

## -LANDSCAPE ARCHITECTURE QUALITY CONTROL & QUALITY ASSURANCE PLAN-

